



DEPARTMENT OF PERMITTING, ENVIRONMENT, AND REGULATORY
AFFAIRS (PERA)

BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208

Miami, Florida 33175-2474

T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/pera

Doralum Corporation
7040 NW 77th Terrace
Miami, FL 33166

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County PERA - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. PERA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "100" Aluminum Storefront System - L.M.I.

APPROVAL DOCUMENT: Drawing No. **W02-92**, titled "Series-100 Aluminum Fixed Lites (L.M.I.)", sheets 1 through 4 of 4, dated 10/09/02, with revision B dated 02/24/12, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA # 07-1130.04 and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Manuel Perez, P.E.**



MP
5/1/12

NOA No. 12-0305.04

Expiration Date: April 03, 2013

Approval Date: May 10, 2012

Page 1

Doralum Corporation

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **W02-92**, titled "Series-100 Aluminum Fixed Lites (L.M.I.)", sheets 1 through 4 of 4, dated 10/09/02, with revision B dated 02/24/12, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

B. TESTS

1. Test reports on: 1) Air Infiltration Test per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
3) Water Resistance Test per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
6) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94
along with marked-up drawings and installation diagram of an out swinging storefront doors with sidelites (XXOO), prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-2811**, dated 03/21/01, signed and sealed by Antonio Acevedo, P.E.
(Submitted under previous NOA # 02-1121.01)

C. CALCULATIONS


1. Anchor verification calculations and structural analysis, complying with FBC-2004, dated 02/28/08, revised and updated on 02/22/12 to comply with FBC-2010, prepared by Al-Farooq Corporation signed and sealed by Javad Ahmad, P.E.
(Partially submitted under previous NOA#07-1130.04)
2. Glazing complies with ASTM E1300-04

D. QUALITY ASSURANCE

1. Miami-Dade Department of Permitting, Environment, and Regulatory Affairs (PERA)

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **07-1116.11** issued to **Saf-Glas, LLC** for their "**SAF-GLAS Polycarbonate Laminate**", dated 12/27/07, expiring on 12/16/12.
2. Notice of Acceptance No. **11-0325.05** issued to **Solutia, Inc.** for their "**Saflex and Vanceva clear and color interlayers**" dated 05/05/11, expiring on 05/21/16
3. Notice of Acceptance No. **08-0709.04** issued to **Glasslam N.G.I., Inc.** for their "**Safety-Plus II Laminated Glass**" dated 09/11/08, expiring on 08/07/13.


Manuel Perez, P.E.
Product Control Examiner
NOA No. 12-0305.04
Expiration Date: April 03, 2013
Approval Date: May 10, 2012

Doralum Corporation


NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS

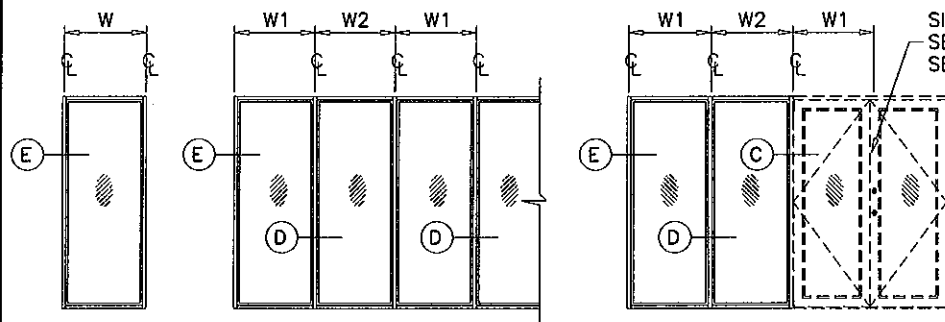
1. Statement letter of conformance, complying with FBC-2010, and of no financial interest, dated February 23, 2012, signed and sealed by Javad Ahmad, P.E.

G. OTHER

1. Notice of Acceptance No. **07-1130.04**, issued to Doralum Corporation for their Series 100 Aluminum Storefront System – L.M.I., approved on 05/08/08 and expiring on 04/08/13.


Manuel Perez, P.E.
Product Control Examiner
NOA No. 12-0305.04
Expiration Date: April 03, 2013
Approval Date: May 10, 2012

DESIGN LOAD CAPACITY - PSF									
AVERAGE WIDTH INCHES CL TO CL	FRAME HEIGHT INCHES	GLASS TYPE 'A'				GLASS TYPE 'B' & 'C'			
		ANCHOR TYPE 'A'		ANCHOR TYPE 'B' & 'C'		ANCHOR TYPE 'A'		ANCHOR TYPE 'B' & 'C'	
		EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
24	72	62.0	81.0	62.0	81.0	62.0	81.0	62.0	81.0
30		62.0	81.0	62.0	81.0	62.0	81.0	62.0	81.0
36		62.0	81.0	62.0	81.0	62.0	81.0	62.0	81.0
42		62.0	77.7	62.0	81.0	62.0	77.7	62.0	81.0
48		62.0	72.3	62.0	78.1	62.0	72.3	62.0	81.0
24	78	62.0	81.0	62.0	81.0	62.0	81.0	62.0	81.0
30		62.0	81.0	62.0	81.0	62.0	81.0	62.0	81.0
36		62.0	77.1	62.0	81.0	62.0	77.1	62.0	81.0
42		62.0	69.5	62.0	80.2	62.0	69.5	62.0	81.0
24	80	62.0	81.0	62.0	81.0	62.0	81.0	62.0	81.0
30		62.0	81.0	62.0	81.0	62.0	81.0	62.0	81.0
36		62.0	74.6	62.0	81.0	62.0	74.6	62.0	81.0
42		62.0	67.2	62.0	73.5	62.0	67.2	62.0	81.0
24	84	62.0	81.0	62.0	81.0	62.0	81.0	62.0	81.0
30		62.0	80.4	62.0	81.0	62.0	80.4	62.0	81.0
36		62.0	70.1	62.0	81.0	62.0	70.1	62.0	81.0
42		62.0	64.2	62.0	81.0	62.0	64.2	62.0	81.0
24	90	62.0	81.0	62.0	81.0	62.0	81.0	62.0	81.0
30		62.0	74.0	62.0	81.0	62.0	74.0	62.0	81.0
36		62.0	64.2	62.0	81.0	62.0	64.2	62.0	81.0
24	95-3/4	62.0	81.0	62.0	81.0	62.0	81.0	62.0	81.0
30		62.0	68.7	62.0	81.0	62.0	68.7	62.0	81.0
36		59.5	59.5	62.0	76.5	59.5	59.5	62.0	76.5



$$\text{AVERAGE WIDTH} = \frac{W1 + W2}{2}$$

APPROVED CONFIGURATIONS

NOTE:
GLASS CAPACITIES ON THIS SHEET ARE
BASED ON ASTM E1300-04 (3 SEC. GUSTS)
AND FLORIDA BUILDING COMMISSION
DECLARATORY STATEMENT DCA05-DEC-219

SERIES-100 ALUMINUM FIXED LITES

DESIGN LOAD RATING FOR THESE LITES TO BE AS PER
CHARTS SHOWN ABOVE.

APPROVAL APPLIES TO SINGLE OR MULTIPLE FIXED LITES.
ALSO COMBINATION OF FIXED LITES WITH SERIES-100 ALUMINUM
OUT SWING DOORS CARRYING THEIR OWN NOA.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE
REQUIREMENTS OF THE FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY
HURRICANE ZONE (HVHZ).

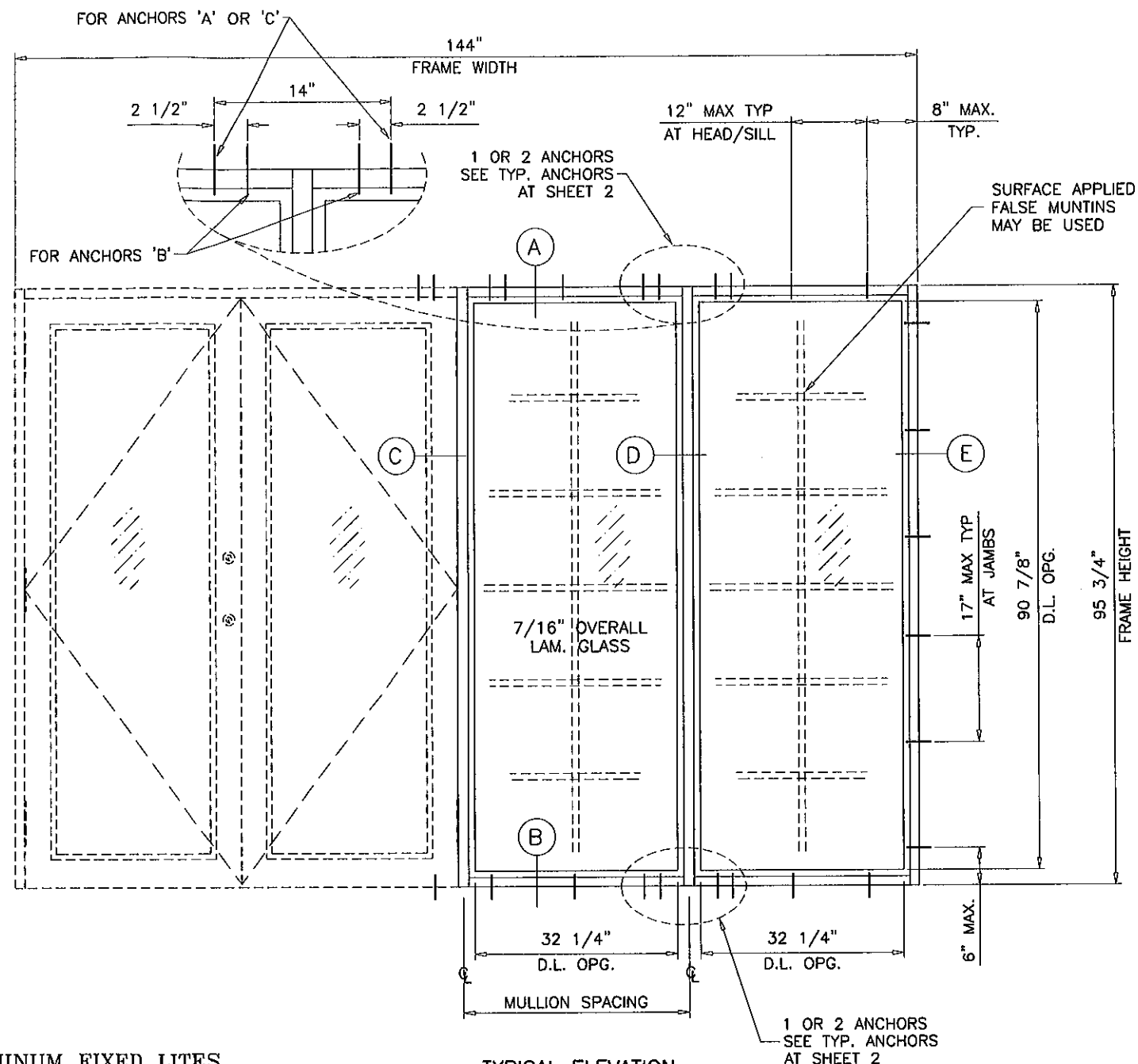
WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER
LOADS TO THE STRUCTURE.

ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS, ANCHORS
EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE
NOT PART OF THIS APPROVAL.

A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT
COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE
REQUIREMENTS OF THE FLORIDA BLDG. CODE SECTION 2003.8.4.



TYPICAL ELEVATION
(XXOO)
TESTED UNIT

FIXED LITES ARE RATED FOR LARGE MISSILE IMPACT.
SHUTTERS ARE NOT REQUIRED.

Engr. JAVAD AHMAD
CIVIL
FLA. PE # 70592
C.A.N. 3538

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 12-0305.04
Expiration Date April 3, 2013

By: *Mamuel Perez*
Product Control

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\W02-92DAC

SERIES-100 ALUMINUM FIXED LITES (L.M.I.)

DORALUM CORPORATION
7040 N.W. 77 TERRACE
MIAMI, FL. 33166
TEL. (305) 884-3922 FAX (305) 884-1464

no.	date	by	description
A	02.26.08		UPDATED FOR 2004 FBC
B	02.24.12		UPDATED TO 2010 FBC

date: 10-09-02

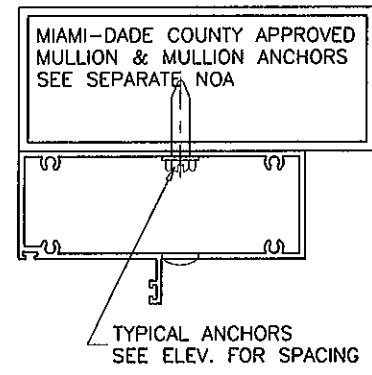
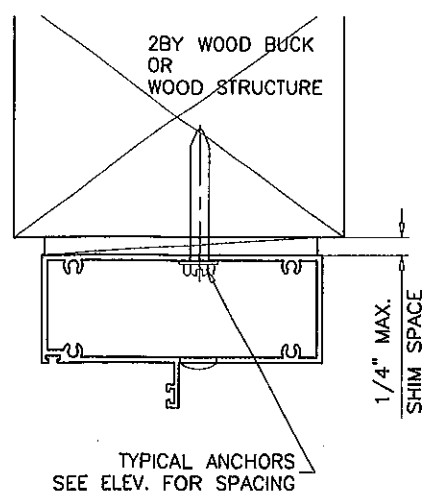
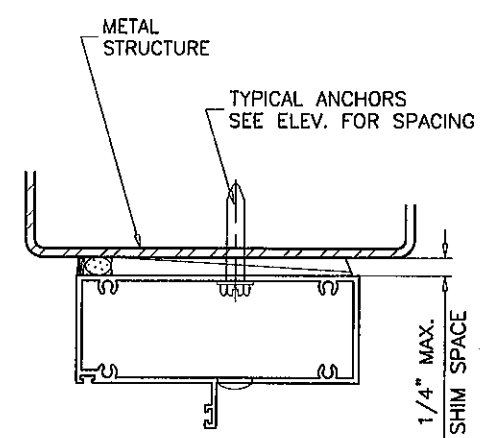
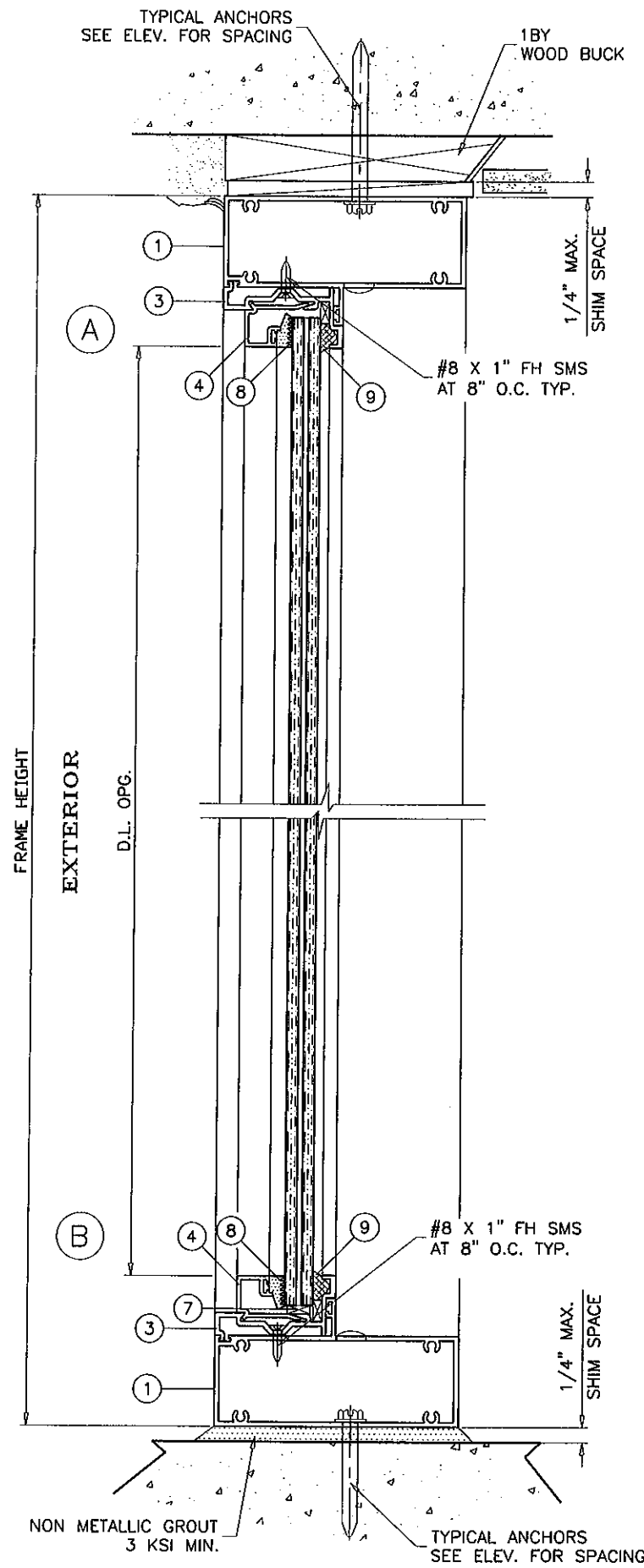
scale: 1/2" = 1"

dr. by: HAMID

chk. by:

drawing no.
W02-92

sheet 1 of 4



WOOD BUCKS AND METAL STRUCTURE NOT BY DORALUM
MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM
AND TRANSFER THEM TO THE BUILDING STRUCTURE.

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

- TYPE 'A' - 1/4" ULTRACON BY 'ELCO' (1) ANCHOR AT EACH SIDE OF MULLION
INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
1-3/8" MIN. PENETRATION INTO WOOD
THRU 1BY BUCKS INTO CONC. OR MASONRY
1-1/4" MIN. EMBED INTO CONC. OR MASONRY
- TYPE 'B' - 1/4" ULTRACON BY 'ELCO' (2) ANCHORS AT EACH SIDE OF MULLION
INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
1-3/8" MIN. PENETRATION INTO WOOD
THRU 1BY BUCKS INTO CONC. OR MASONRY
1-1/4" MIN. EMBED INTO CONC. OR MASONRY
- TYPE 'C' - 1/4" ULTRACON BY 'ELCO' (1) ANCHOR AT EACH SIDE OF MULLION
DIRECTLY INTO CONC. OR MASONRY
1-1/4" MIN. EMBED INTO CONC. OR MASONRY
- TYPE 'C' - #14 SMS OR SELF DRILLING SCREWS (1) ANCHOR AT EACH SIDE OF MULLION
INTO MIAMI-DADE COUNTY APPROVED MULLIONS (MIN. THK. = 1/8")
INTO METAL STRUCTURES
STEEL : 12 GA. MIN. (Fy = 36 KSI MIN.)
ALUMINUM : 1/8" THK. MIN. (6063-T5 MIN.)
(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

ANCHOR EDGE DISTANCES

- INTO CONCRETE AND MASONRY = 2-1/2" MIN.
INTO WOOD STRUCTURE = 1" MIN.
INTO METAL STRUCTURE = 5/8" MIN.

SEALANTS:

FRAME CORNERS AND INSTALLATION SCREWS AT SILL
SEALED WITH CLEAR COLORED SEALANT.

Engr: JAVAD AHMAD
CIVIL
FLA. PE # 70592
C.A.N. 3538

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 12-0305.04
Expiration Date APRIL 3, 2013

af c

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
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SERIES-100 ALUMINUM FIXED LITES (L.M.I.)

DORALUM CORPORATION
7040 N.W. 77 TERRACE
MIAMI, FL. 33166
TEL (305) 884-3922 FAX (305) 884-1464

revisions:		no	date	by	description
A	02.26.08				UPDATED FOR 2004 FBC
B	02.24.12				UPDATED TO 2010 FBC

date: 10-09-02

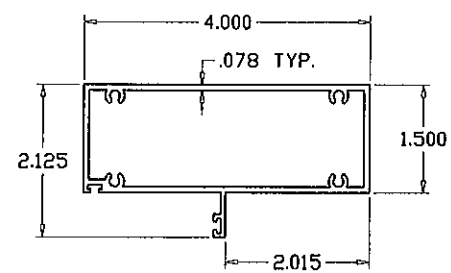
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dr. by: HAMID

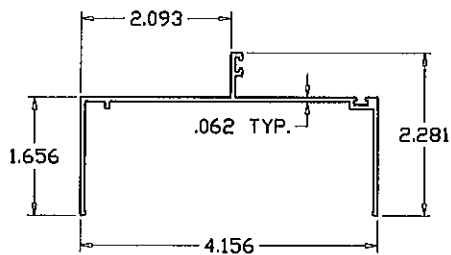
chk. by:

drawing no.
W02-92

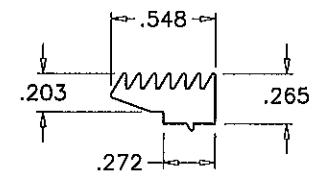
sheet 2 of 4



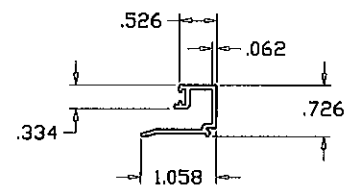
FRAME HEAD/JAMB



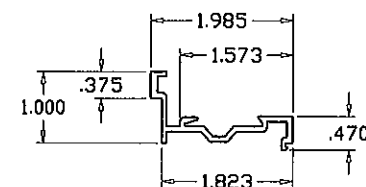
SIDE LITE JAMB



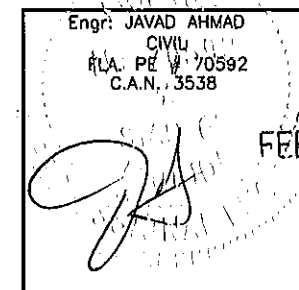
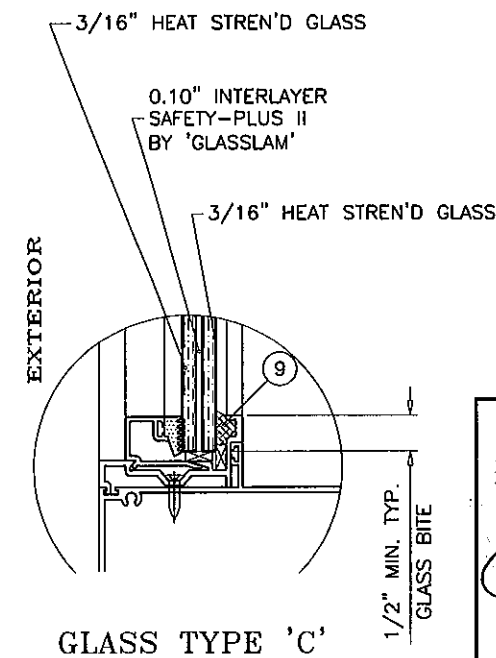
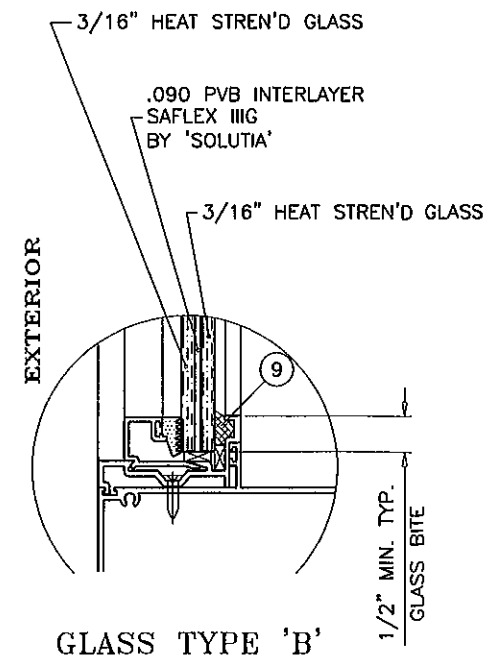
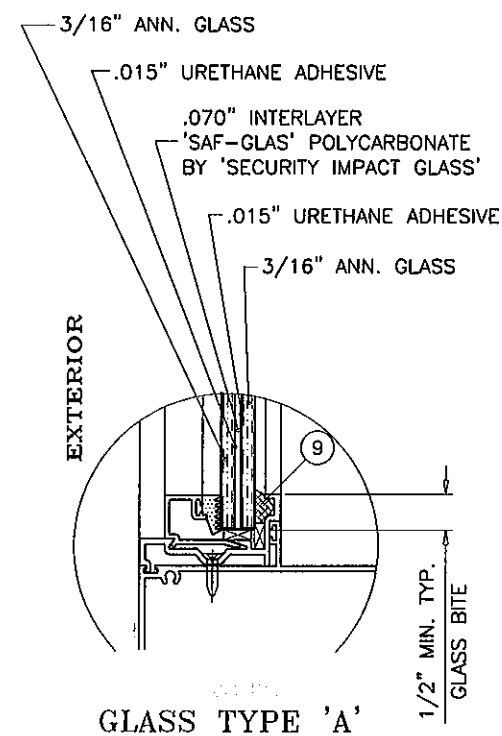
GLAZING VINYL (SCALE 1:1)



GLASS STOP

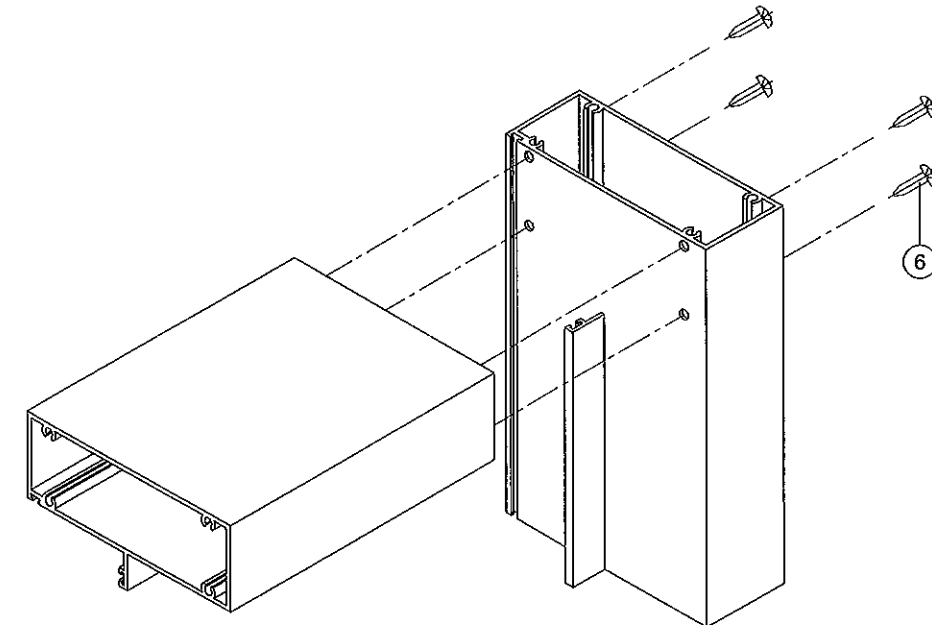


GLAZING ADAPTER



PRODUCT REVISED
is complying with the Florida
Building Code
Acceptance No. 12-0305.04
Expiration Date April 3, 2013
By *[Signature]*
Miami Dade Product Control

ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	SW-28899	3/DOOR	FRAME HEAD/JAMB	6063-T6	-
2	SW-28897	AS REQD.	SIDELITE JAMB	6063-T6	-
3	DOR-017	AS REQD.	GLAZING ADAPTER	6063-T6	-
4	DOR-019	AS REQD.	GLASS STOP	6063-T6	-
5	-	-	-	-	-
6	#8X3/4" PHSMS	AS REQD.	ASSEMBLY SCREWS		AT ALL FRAME JOINTS
7	-	8/LEAF	1/4" SETTING BLOCK	NYLON	-
8	-	AS REQD.	GLAZING VINYL	VINYL	-
9	SILICONE PLUS	-	SILICONE		DOW CORNING OR EQUIV.



FRAME CORNER

afC
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
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sheet 4 of 4